Schedule for Current and Future Actions on Orphan Share sites 2009 Update



Purpose: Fund the cleanup responsibility for (1) defunct entities, (2) insolvent parties, (3 liable state agencies

Site	PLP/ lead remediating party or	Status of Allocation	RI/FS	ROD/VCP Approval	Preliminary Orphan Share Cost	Estimated Claim Submittal date	
	party to whom allocation is made						
S& W	International Paper	Complete;	Risk Assessment	2013	Ť.	2020	
Sawmill	Wood treating site	39% to 56%	underway		\$10 to \$40 million dollar total estimate		
CMC	City of Bozeman	Complete	VCP out for public	Early 2009	\$ 1.8 to 2.5 million	2008-2010	
Bozeman	Asbestos	%62	comment in			Hardsnip	
Asbestos	contamination		December 2008			Designation	
site						0000 0000	
KRY	DNRC	State	Done	Done	\$1 million	7007-0007	
	Refinery	Liability	March 2008	June 2008			
	contamination			4	60:11:	Monthly	
KRY	DNRC	State	Done	Done	\$9 million		•
	Refinery	Liability	March 2008	June 2008	Biennial	increments starting	
	Contamination				One Time Only	in 2010 per 5B/1	
					Restricted	and HB2	
Joslvn St	BNSF Railway	To be	Investigation	2011	Unknown at this	2013	
Tails	Mining waste	completed	underway		time		
	·)	2910					

Orphan Share Cash Balance:

December 31, 2008 - \$ 9,525, 723.00; June 30, 2011: Table on Page C-70 shows \$ 9,558,564. These numbers do not include obligations under the Act to be paid after June 30, 2009.

State Expenditures on the KRY Facility Complex Thru December 31, 2008

Past State Obligations at KRY:

76,889.80 – Past RDG Grants – partial investigation by DNRC 1,250,000.00 – Partial Preparation of the RI/FS – SB489 50,000.00 - DNRC repayment of past costs 680,069.13 – DNRC Costs through Dec 31, 2008 2,056,958.93 - Total

These expenditures funded the state share of utilizing consultant and laboratory services and staff time and expenditures to complete the following:

Fill data gaps

Complete Remedial Investigation Report

Conduct Periodic Sampling of Nearby Residential Wells

Complete Risk Analysis

Complete Feasibility Study

Complete Proposed Plan (Preferred Alternative)

Complete Record of Decision

Complete Public Involvement processes through the Record of Decision

Report Quarterly to EQC

Conduct Cost Recovery

Initiate Preparation of Bid Packages

Coordinate with Local Government regarding Redevelopment

These expenditures do not include:

Estimated Cleanup Costs and Associated Redevelopment Discussions

Proposed Amendments to HB2, DP 4015, and SB71 January 25, 2009

HB₂

Proposed Statutory Language to be added:

Monies transferred under SB71 from the Orphan Share Fund to the Environmental Quality Protection Fund (EQPF), and authorized for expenditure under DP4015, must be used exclusively for reimbursing EQPF expenditures owed by Department of Natural Resources and Conservation (DNRC) as a liable party at the Kalispell, Pole and Timber, Reliance Refinery, and Yale Oil (KRY) state superfund site. Transfers of these funds will occur monthly, in an amount equal to each monthly invoice. Such transfers may occur only after DEQ has transmitted invoices to DNRC documenting incurred costs.

SB71

1. Page 5, line 21 Following "conservation," and before "for remediation" Insert "exclusively for"

Page 5, line 25 Following the end of the section, Insert: "Transfer of funds shall occur, incrementally, only after monthly invoices

documenting costs incurred have been transmitted by the department of environmental

quality to the department of natural resources and conservation."

Cleanup Update

Milltown Reservoir Sediments Superfund Site

<u>Status</u>: The Milltown Project continues to go very well and is on schedule. Project personnel have worked **245,374 hours** without time lost to injury.

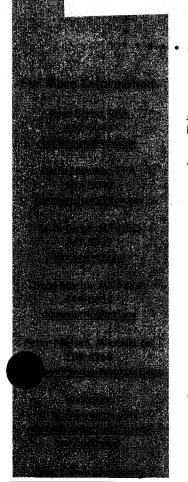
1,923,709 tons (approximately
1,479,776 cubic yards) of contaminated sediment from the Site and hauled by rail to the Anaconda
Smelter Superfund Site for Site reclamation. Excavation is over 64% complete. Excavation is currently only occurring under the main haul road. Site access is limited.

Removal, loading and hauling of contaminated sediments should continue through the fall.

mer and then the dam will be completely out.

- workers removed the final pieces of
 the Milltown Dam spillway. During the final steps of spillway removal, excavators uncovered outcrops of bedrock near the base of the bluff. As the dam has been removed this past year, it has become more and more obvious why this location must have looked like an ideal place to build a dam over a century ago. Now the only part of the dam left to remove are the remnants of the divider block; some of which will be removed before high flow. The remainder of the divider block should come out this sum-
 - Workers have increased the height of the flood berm along the downstream side of the Project Area to protect against a 10-year winter high flow event.

 Currently, adding rip rap to the flood berm to bring it up to the 10 year high flow event level. Trucks will be hauling riprap onto the Site from now through February.
- De-watering of the spillway removal area. Currently pumping about 1600 gallons/ minute. Water quality is being monitored before discharge into the Clark Fork River.
- EPA and the Natural Resource Damages Program (NRDP) are finalizing designs for the Best Management Practices (BMPs) required for erosion control upstream of the Project Area (in areas 4 and 5). Expect work on these BMPs to begin by mid-February and for the BMPs to be in place before high flow this spring.
- I-90 Bridge bank erosion protection work is underway. The temporary work bridge is in place and work has begun on the erosion protection for the east bank. USACE should be finished in February. This is designed to protect the I-90 bridge abutments from a 500 year flood.
- NorthWestern Energy is now using the new gas pipeline across the Blackfoot. Workers are preparing the old gas pipeline for removal before spring high flows.





EPA/DEQ are available
to meet with you.
Just give us a call to talk and/or
to set up a meeting!

These weekly updates are intended to provide you with the latest information about remediation, restoration and redevelopment activities at the Milltown Reservoir.



US EPA Montana Office 10 W.15th St., Ste.3200 Helena, Montana 59626



Upcoming Events

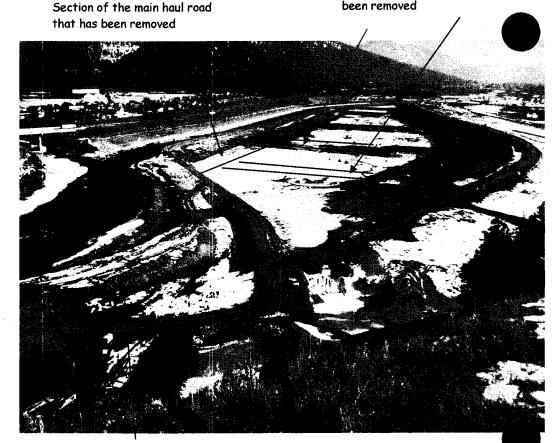
Upcoming work:

- Continue sediment excavation and hauling.
- Continue monitoring surface and groundwater.
- Continue I-90 bridge work—install east side and install east side bank erosion protection.
- Installation of river restoration grade control structures. Restoration structures will be placed in the spillway area prior to the coffer dam breach planned for March.
- Implementation of BMPs in areas 4 and 5, and the spillway coffer dam area to limit downstream transport of sediments.

To view on-going activities, please visit:

http://www.clarkfork.org/
and click on the webcam.

Excavation cell walls that have been removed



Spillway coffer dam that will be breached in March 2009. At that point, the joint Clark and Blackfoot River channel will flow along the base of the Milltown bluff (not visible from this view). Much of the material on the far side of the spillway area (including portions of the divider block) will be removed before high flow this spring. Photo taken 1/20/09.

